

## Stanford appointed Vice-President (Student and Academic Services)

So what does it take to be a good administrator? In the words of Lois Stanford, newly appointed Vice-President (Student and Academic Services), "You have to be a very good listener and you have to be able to be consultative, yet willing to make decisions." And, of course, patience is a must because things simply don't happen overnight.

The first woman to hold a vice-presidency at this University says "most of all, you have to really be interested in the unit that you're administering." Dr Stanford, Chair of the Department of Linguistics, adds that an administrator's job is to "provide circumstances and support for people to do their jobs well."

Dr Stanford's vice-presidency encompasses the Library, Registrar's Office, Computing Systems, Student Services, University Press, Housing and Food Services, Archives and Collections, Printing Services and the Bookstore. She will be administering a group of units that provide support functions for the primary business of the University—teaching, learning and research.

Dr Stanford believes the portfolio is interesting and diverse and she feels she's well qualified to take on the responsibilities, given her experience as Chair of the President's Advisory Committee on Sexual Harassment, as a former Chair of the Students' Union and Community Day Care Centre and as Chair of the Linguistics Department.

As a coinvestigator with Gary

Prideaux and John Hogan on a two-year SSHRC grant, Dr Stanford hopes to still find time to devote to their research project titled, "Syntactic Correlates of Cognitive and Social Factors in Controlled Discourse Production." The researchers are looking at factors that influence how oral speech is structured over a span of discourse.

"I think if the University is going to ask that their administrators be academics, then it's important that they let them have time to continue being academics, even if that's on a reduced scale," she says, adding  
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Department of Linguistics Chair Lois Stanford is the new Vice-President (Student and Academic Services).

# FOLIO

University of Alberta

31 May 1990

## Three universities see Bill 27 as erosion of powers

The Boards of Governors of the Universities of Alberta, Lethbridge and Calgary have expressed strong opposition to Section 67(2) of the Government of Alberta's proposed Bill 27, an Advanced Education Statutes Amendment Act.

At a meeting 22 May, University of Alberta Board of Governors Chair John Schlosser said the proposed section to amend *The Universities Act* would be "a substantial and unwarranted diminution of the authority of the Board of Governors and of the General Faculties Council, and an unacceptable reduction of University autonomy."

The proposed section states, "A proposal of a university or a private college designated under section 64.5 to reduce, delete or transfer a program of study shall be submitted to the Minister in the form prescribed by the Minister and the Minister may approve or refuse to approve the proposal."

University of Calgary President Murray Fraser said, "The Minister already controls our operating

budget, our capital budget, our tuition level, all proposals for new programs and the appointments of the majority of our board. I would ask, what is the Minister's agenda and on what criteria will he make his judgments. Adequate measures are already in place to ensure that the Minister has appropriate involvement in significant program changes. This smacks of intervention."

University of Alberta President Paul Davenport characterized the proposed legislation as "a serious threat to University autonomy, which would undermine the efforts of General Faculties Council, the Administration and the Board to set academic priorities and maintain academic excellence."

On 16 May the presidents of the three major Alberta universities asked Advanced Education Minister John Gogo to delay second reading of the bill; the following day the Boards at Lethbridge and Calgary endorsed resolutions opposing Section 67(2) of the proposed bill.

Dr Schlosser pointed out that the government had more than enough control over university operations by exercising its powers over tuition, operating and capital funding and new programs.

The U of A Board requested that the President, Chair of the Board and Chancellor meet with the Minister and seek leave, if leave is necessary, to appear before the Legislative Committee following second reading of Bill 27, so that the Governors could express their concerns about the bill. U of C authorities also expressed their desire to meet with the Minister.

The Minister currently has the power, under Section 67(1), to regulate and prohibit "the extension, expansion or establishment of any service, facility or program of study by a university or private college . . . so as to reduce or avoid an undesirable or unnecessary duplication of a similar service, facility or program of study."

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- Four U of A professors join Royal Society

## President Davenport says Section 67(2) is unnecessary; hopes to meet with Minister to resolve issue

"Autonomy is the essential issue here," says President Paul Davenport, in responding to the government's recent introduction of Bill 27, an act to amend *The Universities Act*.

"Bill 27 seems to take a large part of that autonomy away from us. As currently written, Section 67(2) says that each time we want to reduce a particular program, we would need to inform the Minister in advance and wait for his permission to do so," the President said last Friday. "I think that's unnecessary and unworkable and you will not find any similar sort of procedure in any other Canadian province."

"Changing *The Universities Act* in this regard is a far greater step than simply issuing guidelines," he said. "Over the past several years, the Universities have received a number of guidelines from the

Department of Advanced Education—some of which we feel we can live with and others not."

"To put this kind of dramatic change in *The Universities Act* is a very different kind of action," he said. "Clearly, the inclusion of 67(2) represents a far greater threat to university autonomy than, say, a similar statement issued by the department in one of many documents dealing with university policies."

On the issue of whether or not the universities formally supported or endorsed the "Guidelines for System Development" issued last year, President Davenport said the document represents the department's views and not those of the universities. "I discussed this with U of C President Murray Fraser and he and I do not believe that the guidelines were formally

endorsed by either university.

"All distinguished research universities have a significant degree of decentralization, with regard to basic academic decisions," he explained. "It is this decentralization, in large part, in major research universities, that renders Section 67(2) unworkable, and indeed destructive of academic excellence."

The President, who will be meeting with the Minister to discuss the issues raised by the introduction of Bill 27, said "I think it's essential that the government, the Minister and the department

have a system-wide perspective.

Along with the institutions involved, they share responsibility for the system as a whole. I do not believe that the system responsibilities require the intrusion into the University's academic affairs represented by Section 67(2).

"Nor do I believe that because there is a problem in the college sector, for example, that identical legislation needs to be introduced for the colleges and universities," he said. "Section 67(2) may be needed in *The Colleges Act*; it makes no sense in *The Universities Act*." □

### Bill 27 Continued from page one

Pam Barrett, New Democrat Party Advanced Education critic, told *Folio* last week that the proposed bill would give the government control over what is taught and what is not taught. "This government is so arrogant that it presumes to know what programs will be necessary in the future."

In the legislature 16 May, Barrett characterized the bill as a "power grab" and she urged the Minister to go back to the drafting board.

The Minister responded, "I wonder if the honorable member would have a different view if the honorable member were aware that each of the institutions was consulted prior to the preparation of Bill 27?"

Linda Richardson, director of Legislative Services for Advanced Education, said Barrett's contention that the bill represented a power grab was simply not the case. Richardson said provisions contained in Section 67(2) had already existed in a 1989 document titled "Guidelines for System Development." There was some question, she explained, of whether the Minister had the legislative authority to do the kinds of things provided for in those guidelines, so it was felt that it would be better to have those kinds of provisions in legislation, in the event of challenges, rather than as guidelines, she said, noting that guidelines are viewed as simply that—guidelines.

On the issue of autonomy, Richardson said the Minister has to look at both autonomy and accountability and those terms should not be seen as mutually

exclusive responsibilities. She said boards and the Minister are accountable to the public, but the Minister and only the Minister is accountable to all Albertans. She pointed out that the system is no longer in an expansionary phase and is now in a phase where a wise use of existing resources is necessary and we can no longer expect increasing funding.

She said at the political level it was felt the Minister should have some authority in the areas of downsizing programs, cutting programs or transferring programs from one institution to another. She added that if institutions simultaneously downsized similar programs, thus limiting enrollment, at a time when program graduates were in demand, the system would not be well served. The Minister could then step in to safeguard the system-wide interests.

Addressing the legislature 23 May, the Minister said that last July when "Guidelines for System Development" was issued . . . "the response from the institutions to me was that they were in agreement with the guidelines which preceded the bill."

University representatives are particularly concerned about the inclusion of the word "reduce" in the proposed legislation. They argue that universities routinely make course and quota adjustments. "The Minister will inherit these problems; he'll be flooded with paper and be faced with public and student concerns we now address," Dr Fraser said. "The most appropriate place for these issues to be handled is within the board, the GFC and the administration." □

# FOLIO

Volume Twenty-seven  
Number Thirty-eight

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staff and other interested  
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University  
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ISSN 0015-5764  
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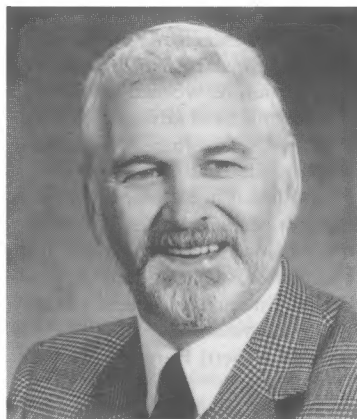
## Acting Vice-President (Development and Community Affairs) appointed

Gerry Glassford, Dean of the Faculty of Physical Education and Recreation, has been appointed acting Vice-President (Development and Community Affairs).

Dr Glassford will assume the vice-presidency when an acting Dean of his Faculty is appointed, and he will hold the portfolio until the vice-presidency is filled permanently. The three units reporting to him are: Alumni Affairs, Development and Public Affairs.

Dr Glassford has been on campus since 1964 and has served as Chair of the Department of Physical Education; he has been Dean since 1981. He has published widely in the areas of physical education, sport and fitness and is co-chair of the Canada Fitness Survey.

Dr Glassford was a founding



Gerry Glassford

member of the Alberta Advisory Council on Physical Education and chaired the Research Council of the Canadian Association for Health, Physical Education and Recreation. □

## Stanford *Continued from page one*

that the search committee and President agreed with that view.

To prepare for her new responsibilities, Dr Stanford will be meeting with those in charge of the various units, to educate herself as fully as possible on the purpose and function of the units. "So I think there's a lot of reading and talking between now and the first of July," she says.

How does she deal with the argument that administrative costs are too high? Dr Stanford says, "One way to meet that argument is to make clear to the constituents that the role of this unit is to provide efficient and effective service. People have to see results." In the fall she'll be meeting with Faculty councils about the position and to "make clear my views about how it will support their work and, in turn, to hear their concerns about the portfolio and its functioning."

Dr Stanford says she feels pressure to ensure that the support units function smoothly, serving academics and students well. "I would like their functioning to be

'transparent'. In other words, the units in the portfolio should simply be there to provide service to the University community, without the community having to be involved in or upset about their functioning."

Does she have any personal objectives in taking on the position? "I've been at the University since 1967 and found it an extraordinarily stimulating and pleasant place to work and I suppose the chance to be of service to the University in some way is really very important to me."

Dr Stanford, who received a 3M Teaching Fellowship last year, says gender simply wasn't an issue regarding her appointment. She points out, "The University's policy is to hire on merit. Like most women I know, I'm interested in and involved in women's very rapidly changing role in society and I'm pleased to be a part of that." Dr Stanford, a child care advocate for many years, points out that she didn't realize how important role models were until students began saying to her 'you're a good role model'. □

## Clifford, Lau, McGregor merit teaching honors in Faculty of Science

*The winners of the 1989-90 Faculty of Science Awards for Excellent Teaching were announced by Dean John McDonald at a Faculty Council meeting 24 May. The recipients of this year's awards are Hugh Clifford (Zoology), Andy Lau (Mathematics), and John McGregor (Statistics and Applied Probability).*

### Hugh Clifford

Dr Clifford joined the University of Alberta as an assistant professor in 1965 and was promoted to full professor in 1978. During his career, he has taught a variety of courses, from introductory biology to graduate courses in his specialty—stream ecology—but is best known for his courses in invertebrate zoology. Zoology graduates frequently cite his course as the best they have taken. As students put it, he has a "flair for capturing the interest, enthusiasm and respect of his students", and makes it clear that he wants his students "to learn, to question, and it of all to enjoy" his world of invertebrate zoology.

In addition to his teaching prowess, Dr Clifford maintains a

research program on aquatic invertebrates, especially those of the streams of northern Alberta. He has published some 50 papers, has supervised 17 MSc and four PhD students, and is currently finishing a book on the aquatic invertebrates of Alberta.

Dr Clifford holds BSc and MSc degrees from Michigan State University and a PhD degree from Indiana University. He is currently serving as coordinator of the Zoology Honors Program.

### Andy Lau

Following his undergraduate studies at the University of California, Berkeley, Dr Lau earned a PhD at the University of British Columbia in 1969 under the guidance of EE Granirer. He joined the Department of Mathematics of the University of Alberta in 1969 as a postdoctoral fellow and was appointed as an assistant professor in 1971. In 1974 he was appointed to associate professor and to full professor in 1980.

Throughout his career, Dr Lau has taught courses at all levels of mathematics, from elementary

calculus to graduate-level harmonic analysis with enrollments varying from five students to more than 190. In all of his courses, regardless of the level, students have regarded Dr Lau's teaching abilities as exemplary. His evaluations have consistently ranked among the highest in the department with students remarking that he is "enthusiastic", "genuinely concerned", and "extremely well prepared".

Dr Lau's research program is in the area of functional analysis; he has more than 55 publications to his name. He is involved in the honors and graduate programs in the department and is co-organizer of the weekly functional analysis seminars.

### John McGregor

Dr McGregor is a native Edmontonian who graduated with an honors BSc in Mathematics from this University in 1950. He remained here until 1955, gaining a BEd and an MEd along the way, before going to the University of Cambridge to take a PhD in Mathematical Statistics in 1959.

Dr McGregor is a man of wide

experience. During the Second World War, he served with the RCAF Transport Command in India, Burma and Europe. In 1959 he joined the University of Alberta as an assistant professor of Mathematics and was promoted to full professorship in 1966 when he was also appointed Chair of the Department of Mathematics. In 1971, upon completion of his term as Chair, he was appointed Dean of Graduate Studies and Research where he served until 1976. In 1981, when the Department of Statistics and Applied Probability emerged as an independent unit, Dr McGregor agreed to serve as its founding Chair. He served in this capacity and, concurrently, as Director of the Statistical Services Centre, until 1987 when he relinquished the Chair but continued his directorial duties.

Over the years Dr McGregor has taught at all levels, from introductory statistics courses to advanced courses in mathematical statistics and stochastic process. He is retiring on 31 August, after a long and distinguished academic career at this University. □

## Bentley, Horowitz among honorary degree recipients

Fred Bentley, Professor Emeritus of Soil Science, and Myer Horowitz, President of the University of Alberta from 1979 to 1989, are two of the dozen people selected to receive honorary degrees at Spring Convocation, 4 to 7 June and 11 and 12 June.

Dr Bentley will accept an honorary DSc 5 June, the day that the Faculty of Agriculture and Forestry's 75th anniversary will be observed. He joined the University of Alberta in 1946 and was appointed Professor Emeritus in 1979. His primary interest continues to be the promotion of the importance of agriculture to society worldwide. Dr Bentley spearheaded the creation of the International Bureau of Soil Research and Management and served on the board for the International Crops Research Institute for the Semi-Arid Tropics for nine years.

Dr Bentley was Dean of the Faculty of Agriculture and Forestry from 1957 to 1968.

Dr Horowitz will receive an honorary LLD 4 June. As President (1979 to 1989), he played a key role in the establishment of the Endowment Fund for the Future, the Centre for Gerontology, the International Student Centre, University Placement Office, computerized telephone

registration, and the President's Advisory Committee on Sexual Harassment.

He has been at the University of Alberta since 1969 when he was appointed Chair of the Department of Elementary Education. He has also served the University as a teacher, a Dean (Faculty of Education), and a Vice-President (Academic).

Honorary degrees will also be awarded to:

- Sir Anthony Caro, a British sculptor whose work has been shown in the world's most prestigious galleries, including the Boston Museum of Fine Arts, Milan's Galleria del Naviglio, Tel Aviv Museum, the Galerie de France in Paris, New York's Metropolitan Museum of Art, Canada's National Gallery and The Tate Gallery in London.

Sir Anthony studied at the London Royal Academy Schools and was a part-time assistant to Henry Moore. He has been awarded honorary degrees by six universities and is Commander of the Order of the British Empire.

- R Bryan Erb, a senior manager in the Canadian Space Station program with the National Research Council. In his four years at NRC, Mr Erb has been responsible for technical and management communication with

NASA concerning Canada's role in the Space Station. He also represents Canada with respect to activities within the United States' space community.

Mr Erb's career in aerospace engineering started in the late 1950s when he worked on the Avro Arrow, the most advanced interceptor of its time. He joined NASA in 1959 and was instrumental in developing a number of major projects, one of these being the advancement of the concepts for what became Appolo, the only manned spacecraft to reach the moon.

- Herbert (Bert) Hargrave, former

MP for Medicine Hat (1972 to 1984). Mr Hargrave was Parliamentary Secretary to the Minister of Agriculture when Joe Clark was Prime Minister. A veteran cattle rancher, Mr Hargrave has contributed his leadership abilities to the Canadian Cattleman's Association, Western Stock Growers Association, Canadian Water Resources Association and the Stockmen's Foundation.

He has been a member of the Senate of the University of Lethbridge and the Alberta Universities Commission.

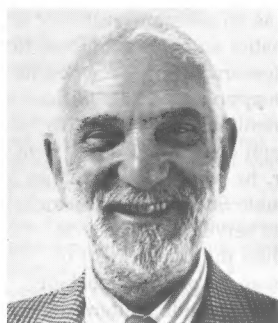
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C Fred Bentley



Myer Horowitz



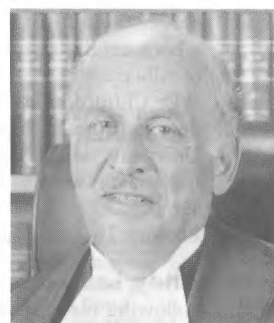
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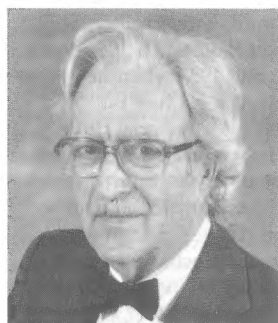
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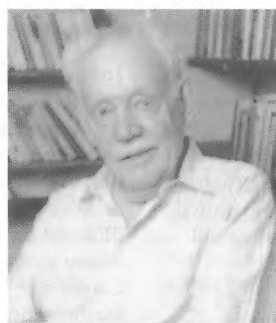
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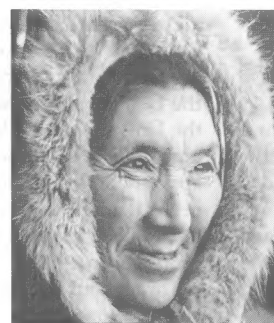
Gordon Myers



Bernard Riedel



Donald Smiley



Marion Tuu'lug



Anne Wheeler



## Honorary degree recipients

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● Samuel Lieberman, who devised the method by which the law deals with the criminally insane (the Alberta Board of Review). Lieberman subsequently led the board for nine years and organized similar boards for the Northwest Territories and Yukon.

A graduate of the U of A's Faculty of Law, his practise spanned 16 years. In 1966 he became Judge of the District Court of Northern Alberta and then was appointed to the Trial Division of the Supreme Court. Later he became a Justice of Appeal in the Appellate Division of the Supreme Court of Alberta (now the Court of Appeal of Alberta). He was also appointed Justice of the Court of Appeal for the NWT and a Deputy Judge of the Supreme Court of the NWT.

● Sandy Mactaggart, Chancellor-elect of the University of Alberta who will be installed 12 June.

Mr Mactaggart is a partner in Maclab Enterprises Ltd, companies immersed in property development, energy investment and venture capital activities in Northern Canada, the United States and elsewhere.

A graduate of Harvard University, Mr Mactaggart moved to Edmonton in 1952 and established Maclab Enterprises Ltd two years later.

He has served on the founding boards of the Edmonton Art Gallery, the Citadel Theatre, the Boys' and Girls' Clubs of Alberta, and Tempo School.

● Gordon Myers, a former professor in the Faculty of Pharmacy and Pharmaceutical Sciences, who helped establish the Department of Microbiology. Dr Myers, who was appointed to the U of A in 1947, introduced courses on antibiotics and biological products, such as vaccines, to the Faculty's curriculum.

As a consultant, he was associated with the Departments of National Health and Welfare and Public Health (Alberta), the provincial Public Health Laboratory, Dome Petroleum, various hospitals in Alberta, and the federal Department of Northern Affairs and National Resources.

The awarding of an honorary DSc to Dr Myers (7 June) will coincide with Spring Convocation exercises that will play a part in

celebrating the 75th anniversary of the Faculty of Pharmacy and Pharmaceutical Sciences.

● Bernard Riedel, former Dean of the Faculty of Pharmaceutical Sciences at the University of British Columbia. Dr Riedel was the initiator of the BC Transplant Society for organ transplants and has served on the executives of the BC Cancer Control Agency and the BC Lung Association.

During his years as Dean (1967 to 1984), Dr Riedel was instrumental in developing graduate studies and research in the Faculty.

● Donald Smiley, a political scientist at York University. (Dr Smiley died 28 April; the honorary LLD degree will be awarded posthumously.) Dr. Smiley enjoyed a coast-to-coast reputation as an expert on Canadian federalism. His report to

the Royal Commission on Bilingualism and Biculturalism titled *Constitutional Adaptation and Canadian Federalism* since 1945 is considered a preeminent work of scholarship. In his most recent book, *The Federal Condition in Canada*, Dr Smiley concentrated a lifetime of research into the diversity of this country.

Dr Smiley was an adviser to the Royal Commission on Bilingualism and Biculturalism and the Macdonald Commission, and was editor of *Canadian Public Administration* for five years.

● Marion Tuu'luq, an Inuit artist famed for her wall hangings, drawings and prints which usually contain abstract and figurative design. Her designs, which come from her experience of life on the land, have been displayed at a number of exhibitions in Canada

and New York City.

● Anne Wheeler, director of a trio of well-received films ("Loyalties," "Cowboys Don't Cry" and "Bye Bye Blues"). Her latest feature film, "Angel Square," is before the cameras in Edmonton.

Ms Wheeler's interest in drama dates back to high school when she began acting. After obtaining her BSc from the University of Alberta and working as a computer science programmer and a music teacher, and travelling extensively, she decided to put all her energies into filmmaking. Her other credits include "A War Story," a feature length film based on her father's experience in a Japanese POW camp; "Change of Heart," a "For the Record" CBC drama; and two television dramas: "One's a Heifer" and "To Set Our House in Order." □

## Concern with the future of education led Mactaggart to stand for Chancellor

Sandy Mactaggart is a self-described unique hybrid, a businessman who understands universities in quite a wide context as opposed to a businessman who may know something of one university.

That's a good combination for a university chancellor in the '90s, especially when the university he serves is shifting its gaze from teaching, research and community service to the balance sheet and back again.

However, it was education in its purest sense that led Mr Mactaggart to say yes when he was nominated for Chancellor late in the proceedings. He wants people to really understand the importance of the education of their children and that the future of our society depends on the institutions charged with providing that education. At this point he summons a vivid memory from one of his visits to the American University of Beirut (he's a trustee of that institution and former Chair of its Budget and Finance Committee): students steadfastly making their way to class in the face of opposing forces' gunfire.

It's very important for our society to have a quality education system, he says. We won't be able to compete internationally if we don't have one and the so-called good life will pale noticeably.

His four-year term starts on a holiday—1 July. The staff in the Senate office in Athabasca Hall shouldn't be surprised if, after observing the amenities, he gets right to work. To his way of thinking, the role of the Chancellor is neither one of function nor one of implementation. "It's awareness and implementation . . . and of course you have to be dignified at the right time . . . but not too dignified."

The Chancellor-elect supports the concept that the education system in Alberta has to change. In years past a student went through high school and then automatically proceeded to university. Oh, there was the small matter of tuition, but the government had long since turned on the financial faucet and higher education was the student's right. Today large numbers of people have access to the system but, more and more, it's a privilege to reach for the higher levels. "More and more, universities must cater to that highest educational level in the community. We have to keep the quality up. That may lead to a lot of anguish for parents whose children can't or won't be able to attain standards that are necessary for admission."

Mr Mactaggart, who served on the committee that pondered program initiatives for the seminal report *The Next Decade and Beyond:*

*A Plan for the Future*, says the best thing that the University of Alberta can have is an informed and supportive community. And the best thing for the community is enrichment that comes its way because of the accumulation of mindpower at the University. Harvard has achieved this, he says, and is now working to build a similar arrangement internationally.

"You want to build up an advocacy of the university in the community and the best way to do that is on an individual basis." So while he will preside over Senate and ceremonial functions and participate in the work of the University's governing boards, the new Chancellor will be responsible for interpreting the University to the community and vice versa. As a member of the Board of Governors for six years (he sat on all three of its committees and was Chair of the Real Estate Advisory Committee), he became accustomed to items being brought to the table. Now, he'll be going door to door because, as he points out, the Chancellor's influence is probably based directly on his knowledge of the institution. He wants to 1) become better informed and 2) develop ways of best utilizing that information.

"The new boy wonders if he can do as well as Tevie Miller. I shall be watching him at Convocation." □

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## Faculty Council endorses recommendations of task force on nonacademic activities of engineering students

The Faculty of Engineering's faculty council has endorsed the first 11 of 15 recommendations of the Task Force on Nonacademic Activities of Engineering Students.

The four other recommendations concerning the enhancement of professionalism and interaction between students and staff were tabled at the 18 May meeting.

In presenting the report, task force Chair Gary Faulkner (Mechanical Engineering) told the assembly that the task force had decided to recommend that Engineering Week continue. The council agreed, however, that Engineering Week's concepts will be reformulated and redefined.

The task force also recommended that: the concept of princesses, kicklines and a queen be replaced or modified to remove any sexist connotations; appearances in classrooms and common areas during the week's promotions must have obtained written permission one week before the event from all departments and instructors affected and the promotions should occur only in engineering buildings, with permission to perform clearly obtained and coordinated by the Engineering Students' Society coordinator; no alcoholic beverages should be allowed at promotional events taking place in classrooms and common areas; and skit night should be revamped to better highlight the artistic and satirical talents of engineering students. To allow for reflection and redirection, skit night should be cancelled for 1991.

The task force had three recommendations concerning engineering student publications. The responsibility for the content of *The Bridge* must now rest with the editor who is responsible to the ESS vice-president (Publicity and Publications). This vice-president would act as the publisher and further ensure adherence to editorial policy.

The task force also recommended that all articles in engineering publications, as a matter of policy, should be identified with the actual name of the author. Also recommended is the establishment of an editorial board to help develop policy for all engineering student publications. The board

would include the editor of *The Bridge*, ESS vice-president (Publicity and Publications), an APEGGA representative, a faculty representative and two students.

A third task force report area, dealing with the enhancement of the positive aspects of engineering student activities, included three recommendations. First, activities to promote student and faculty donations to the Food and Blood Banks should be encouraged; second, the technical displays during Engineering Week should be expanded and promoted to interact with the general public and potential students; and, third, the student outreach program should be expanded and formalized under the ESS board of directors. The program should remain student directed and operated, with the Faculty providing support through displays, information, etc.

Clarence Capjack (Associate Dean Engineering, Planning), a member of the task force, pointed out that the recommendations were meant to be regarded by students and faculty as constructive and not disciplinary.

Vembu Gourishankar (Electrical Engineering) conveyed his personal disappointment with the report. "What disappointed me is that there is no clear message from the task force and the recommendations to the Faculty that certain standards should be established and signals should be given that certain kinds of behavior are totally unacceptable." He added that there is "absolutely no reference to any disciplinary action except in a very vague way."

Dr Gourishankar said on the whole "... the Faculty's image is not going to be enhanced by this rather weak report. I'm sorry to say this."

Wayne Tinga (Electrical Engineering) agreed with Dr Gourishankar, in terms of the philosophy underlying the report. "I find the report weak, in that it makes recommendations, but they're all relatively broad and general. It does not do very much to speak against or try to eliminate the detrimental effects. It's more of a balancing act and I find that not very satisfactory."

Gordon Finch (Civil Engineering) said the task force has come up

with good recommendations concerning the internal Faculty issues. But, he said it was important to separate the internal aspects from the external aspects; the report is not a firm enough response in terms of the public relations aspects.

Dean Fred Otto, urging the endorsement of the recommendations, said "what we're dealing with are some pretty complex issues. It's going to take a lot of hard work by all of us to instill the new values we'd like to see for our profession. This isn't just going to happen from a report ... it's going to happen because we all believe in conveying these messages to our students."

Dr Faulkner said that, like a lot of people over the years, he, too, has had difficulty with some of the events which have occurred during Engineering Week. On the issue of cancelling Engineering Week temporarily, Dr Faulkner said, "The committee believed that it was better to take something that the students enjoyed and reformulate that, rather than saying thou shalt not do certain things."

An amendment by Dr Gourishankar to have Engineering Week cancelled for one year was defeated by the council. Jerry Whiting (Chair, Mining, Metallurgical and Petroleum Engineering), a member of the task force, pointed out that he wasn't certain that the Faculty had the

power to cancel Engineering Week for a year. "We can certainly say it isn't a Faculty-sanctioned event," he said, "but that doesn't mean there won't be an Engineering Week. I'm concerned that if we cancel it for a year, some 'outlaw' event will take place that is called Engineering Week."

Others, however, argued that a hiatus of one year would demonstrate the Faculty's willingness to deal forcefully with the problem. Dr Finch said there were really two problems, one within the Faculty and one that is national in scope. "If we temporarily cancel Engineering Week, it will be a leadership decision in Canada among engineering faculties, which will have a major public relations impact in Canada—that is what we are really voting on."

Dr Finch said such a break would allow the Engineering Society to reformulate the goals and concepts of Engineering Week and also break the cycle of management by missing one year. Such a move would benefit this Faculty and others across the country, he said.

Others argued that cancelling the event would unfairly penalize third year students, that there would be more than enough time to reformulate the goals and concepts of the week and that such a move would be perceived as disciplinary, thus creating undue tension between students and faculty. □

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## Heritage Medical Scientist honored for research with nitrates

Bodh Jugdutt, a Heritage Medical Scientist working in the Department of Medicine's Division of Cardiology, has been awarded the Sir Thomas Lauder Brunton Award for outstanding clinical research work in the use of nitrates for management of patients with ischemic heart disease.

The award was established by the Geriatric Cardiology Research Foundation of the Division of Cardiovascular Medicine of the University of Massachusetts Medical School. Its purpose is to encourage, promote and reward outstanding research with nitrates;

it is named after Sir Thomas Lauder Brunton (1844-1916), a Scottish physician and medical scientist with particular interests in nitrates.

This will be the second award (the first was made in 1988) and it will be presented together with a cheque for US \$10,000 during the 63rd Scientific Sessions of the American Heart Association in Dallas, later this year.

Dr Jugdutt's work has spanned 11 years and has involved collaborative efforts by all members of the Division of Cardiology. □

NSERC paying lion's share of costs

## Conradi appointed to Chair in fiber optics research

The University of Alberta, the Natural Sciences and Engineering Research Council, Bell-Northern Research, and the Alberta Telecommunications Research Centre are about to get more fiber optics in their diet.

The four organizations have united for the purpose of funding a faculty chair in fiber optic communications research within the Faculty of Engineering. The chair holder, Jan Conradi, was introduced to the University at a news conference 25 May. Dr Conradi will spearhead a five-year, \$2.5 million program aimed at developing high speed and complex fiber networks capable of simultaneously transporting voice, data, image and video traffic.

Dr Conradi and a team of graduate students, researchers and technicians want to increase at least tenfold the speed or capacity of fiber optic networks and design network architectures that are ideal for high-speed fiber transmission and switching. These networks use light instead of electrical signals to carry voice and data in the standard long-distance and centralized telecommunications networks.

A very possible result of the research will be homeowners' ability to obtain high-quality video transmission before the year 2000.

Fiber is replacing copper in the telecommunications network and the



Jan Conradi (left) is presented with a ceremonial key to his lab by ATRC President Ray Fortune.

existing network architecture is "far from optimum for providing future broadband services," Dr Conradi says. "This program will explore and implement new high-speed transmission technology up to the 20-billion-bits-per-second range, as well as compatible fiber network architectures that will be capable of providing a range of high-quality video and other digital services to subscribers."

Dr Conradi comes to the U of A from North Carolina where he was manager of external research at Bell-Northern Research's Triangle Park facility. His researches will be carried out at the Alberta Telecommunications Research Centre in Edmonton in keeping with

ATRC's policy of bringing together talented professionals from industry, universities, and government. (Dr Conradi will also teach two courses to electrical engineering students.)

ATRC President Ray Fortune says Dr Conradi's presence "further strengthens our collaboration with the University of Alberta in undertaking first-class research in fiber optic communications, in supporting graduate students in this important area of technology, and in strengthening our relationship with an industrial partner."

Arthur May, president of NSERC, calls fiber optic communications a field that is of strategic importance to Canada. "The creation of this chair is

an example of how industry, universities and government can cooperate to develop the highly qualified people necessary to keep Canada internationally competitive." Dr May expressed confidence that graduate students would emerge from the program with highly marketable research skills.

NSERC funding for the program is \$1,347,350; the source is NSERC's Industrial Research Chair Program. The ATRC is providing \$356,000 plus laboratory space and technical and administrative support. The University of Alberta's contribution is office space and funding. Bell-Northern Research is investing \$421,000 through its University Interaction Program, which last year allocated \$2.3 million to 20 postsecondary education institutions in Canada. Further technical support will come from BNR's research facilities in Ottawa.

Dr Conradi joined BNR in 1976 and subsequently held research and management positions in Ottawa, Edmonton, and North Carolina. He took his PhD in solid state physics from Simon Fraser University in 1968, following studies in solid state electronic engineering (University of Birmingham, England) and engineering (Queen's University).

He holds a US patent for a device that measures light wavelengths. □

## Editors putting final touches on first volume of *Flora of North America*

This weekend (1-3 June), the University of Alberta will host an editorial session that will preface publication of the first volume of *Flora of North America*.

About 20 botanists from universities, botanical gardens and museums throughout North America will meet in the Faculty of Science Conference Centre, 1 to 3 June. A major item on the agenda is a final editorial and policy review of material and manuscripts that will comprise the initial volume of *Flora of North America*, which is scheduled for publication later this year by Oxford University Press.

"There have been many floras of different regions, provinces and states in North America, some dating from the 17th century, and a respectable *Flora of Canada* was published in 1978-79, but there has

never been a comprehensive flora of the whole continent, says John Packer, Professor Emeritus of Botany and a member of the editorial committee.

Publication of *Flora of North America* is a joint enterprise by Canadian and American botanists that was begun in 1983, under the sponsorship of the Missouri Botanical Garden in St Louis. The National Science Foundation in Washington and two private foundations in the US have funded the project and funding by the Natural Sciences and Engineering Council of Canada has been sought. The work has been officially endorsed by the American Society of Plant Taxonomists, the Canadian Botanical Association and a number of other professional organizations. The University of Alberta is one of a

number of universities that have also endorsed the project and provided memoranda of cooperation.

*Flora of North America* will document and describe the approximately 21,000 vascular plant species that are native to North America or are naturalized here. The work will include keys for the identification of all species, maps showing their North American distribution, illustrations of several thousand species, pertinent ecological information, and comments as to their status as rare or endangered species.

The completed *Flora of North America* will consist of 11 volumes that will be published at the rate of one a year with the final one appearing in the year 2000. The first one deals with the ferns and gymnosperms, the remainder are

devoted to flowering plants.

The editorial committee is responsible for determining the books' style and format, selecting authors (several hundred) to write accounts of the plant groups, selection of reviewers, and for checking and editing manuscripts.

Professor Packer says he is fortunate to be retired, because the organization of *Flora of North America* is a full-time job. (Most members of the committee are professors who are carrying out their normal university responsibilities while working on the project.)

The editorial committee usually meets in St Louis, but on occasion one of the sponsoring institutions hosts the meeting. The only other university to act as host was Harvard University in May 1989. □

## Enrollment predictions at Canadian universities were off the mark for the 1980s

Burgeoning enrollment at Canadian universities during the last decade was unanticipated and, in 1987-88, 486,000 students were enrolled full-time—over 50 percent more than in 1972-73.

According to the Association of Universities and Colleges of Canada publication *Trends: the Canadian University in Profile 1990 Edition*, university enrollment projections contained two mistaken assumptions: "first, that all university students were 18-24-year-olds, thus overestimating the participation rate for that age group and, second, that this participation rate would remain constant over time.

"Shrinking numbers of elementary and secondary students were seen as a harbinger of similar drops at the postsecondary level, as the demographic bulge of the baby boom generation advanced beyond 'university age'," the report says.

But even though enrollment began to decline in 1977-78, full-time enrollment began to climb consistently for the rest of the decade.

The economic recession, a change in attitudes towards women's role in the economy and an increasing demand for a university education in an increasingly technological, information-based society all

contributed to expanding university enrollments.

Higher participation rates also played a role. During the '70s, participation rates for 18-21-year-olds was 10-11 percent and for 22-24 year-olds it was 6-7 percent. But during the '80s, the trend unexpectedly reversed. So by 1987-88, 15 percent of the 18-21-year-olds and nine percent of the 22-24-year-olds were enrolled full-time in universities.

Moreover, university students were getting older throughout the decade, on average, than their counterparts of the '70s. This phenomenon, the report says, was attributed to the general overall aging of the Canadian population.

The most striking contrast between students of the '70s and '80s was the proportion of women enrolled. "Steadily increasing female enrollment cross-cut disciplines, levels, registration status and age groups. In fact, women accounted for the lion's share of increases in both overall enrollment and participation rates."

At the graduate level, women accounted for only 27 percent of full-time master's students and 19 percent of full-time doctoral students in 1972-73. By 1987-88, these proportions had climbed to 44 percent and 35 percent, respectively. At the undergraduate

level, education, fine and applied arts, humanities and health professions attracted increasing numbers of female students. Women remained underrepresented in other more traditionally male dominated areas. In engineering and applied sciences, for example, women comprised three percent of the

1972-73 enrollment. Fifteen years later, the figure had only reached 13 percent.

"In agricultural and biological sciences, general arts and sciences, and the social sciences, women were a minority of full-time students in the early '70s, but outnumbered men in the late '80s.'"□

## Faculties 'graying, feminizing' and 'Canadianizing'

In 1976-77, slightly more than 14 percent of full-time faculty were women. Ten years later that proportion was just under 18 percent.

According to the *Trends* survey, "While hardly evidence of widespread feminization of the professoriate, this increase was nevertheless the beginning of what should be a much more pronounced trend over the next decade."

In 1986-87, women still accounted for only one-fifteenth of full professors and one-sixth of associate professors, but nearly one-third of full-time faculty at the assistant professor level and lower. "As more and more men in the

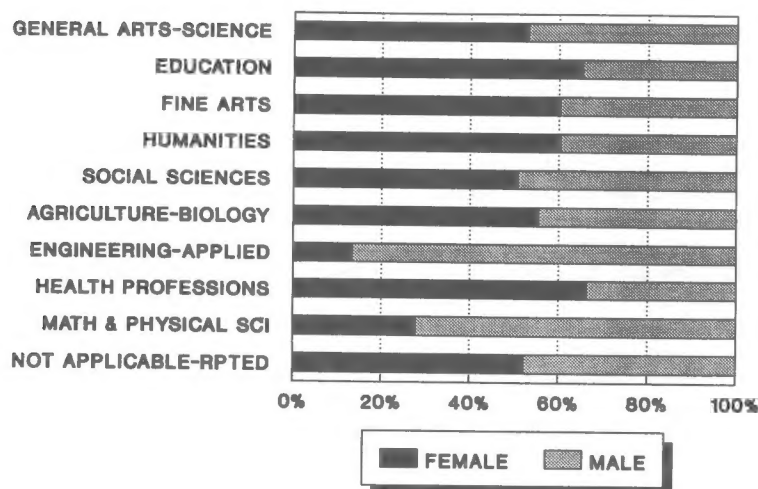
senior ranks reach retirement age, it is reasonable to expect that women currently in lower ranks will replace many of them."

The AUCC Research, Policy and Planning Division authors of the report believe "it is reasonable to anticipate that as more and more women graduate with doctoral degrees, they will occupy an increasing proportion of entry-level positions. Federal and provincial employment equity legislation and the universities' own affirmative action programs, virtually all of which are new, should aid this process."

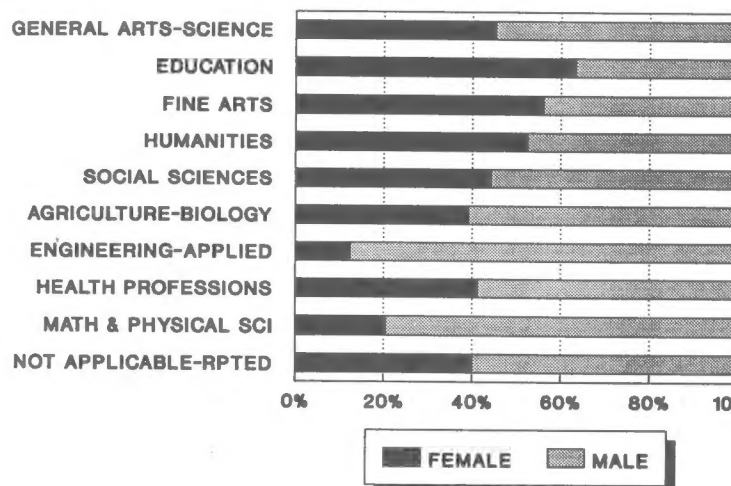
Another force at work is the so-called "graying" of the

*Continued on page nine*

**UNDERGRADUATE ENROLMENT  
FULL-TIME BY SEX AND FIELD, 1987-88**



**GRADUATE ENROLMENT  
FULL-TIME BY SEX AND FIELD, 1987-88**





Continued from page eight

professoriate. For example, in 1976-77, more than half of full-time faculty were aged 40 or younger, but a decade later, fewer than one-third were 40 or younger. During that same period, the average age of full-time faculty rose from 41 to 46. There are likely two major reasons for this: a limited infusion of new blood and the overall aging of the Canadian population.

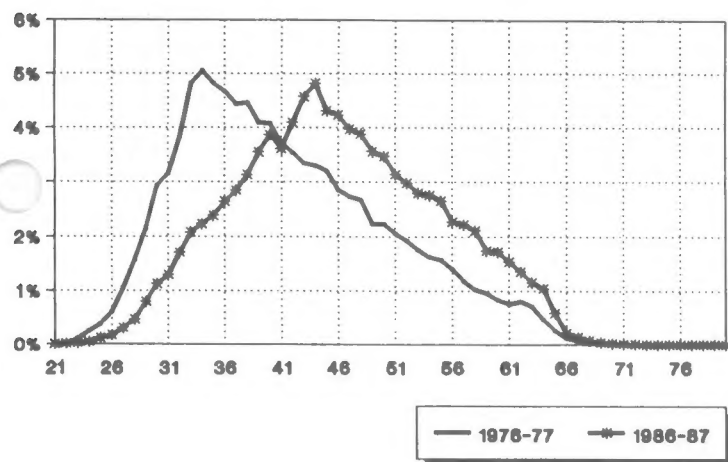
On average, faculty members in the late '80s were more senior, not only in years, but also in rank. In 1986-87, full professors made up more than 35 percent of all full-time faculty, compared with only 25 percent in 1976-77. Meanwhile, full-time faculty at the assistant professor level or lower

had fallen from 40 percent to 28 percent.

The number of Canadians holding full-time faculty positions also rose. In 1986-87, Canadian citizens held almost 80 percent of the full-time positions, a significant increase from their 72 percent share a decade earlier.

Canadian universities employed about 12 percent more full-time faculty members in 1986-87 than in 1976-77; however, full-time student enrollment in the same period increased by 26 percent and part-time enrollment rose by 50 percent. The survey's authors cautioned that part-time faculty appointments may have partially offset the pressures, but were reluctant to say definitely because of a lack of comprehensive data. □

**AGE DISTRIBUTION OF FULL-TIME FACULTY**



## U of A hosting Victorian Studies Association of Western Canada

The nineteenth annual conference of the Victorian Studies Association of Western Canada will be held at the University of Alberta 11 to 13 October. Guest speakers are Christopher Kent (History, University of Saskatchewan), who will speak on "Probability and Realism in the Victorian Novel and in History," and James Kincaid (English, University of Southern California), whose topic is "Victorian Child-Loving: Beating the Gentle Child."

Other speakers, on topics in Victorian literature, art history, music-hall, gender, and business, are Patricia Anderson, Susan Brown, Susan Hamilton, Chris Hosgood, Ian MacLaren, Betsy Cogger Rezelman, Teresa Snelgrove, and Doug Thorpe.

For information and registration forms, contact Glennis Stephenson, VSAWC Conference Convener, Department of English, University of Alberta, Edmonton, Alberta T6G 2E5. □

## Decade's university graduates included more women than previous decade

How did the last decade's university graduates differ from their counterparts of the previous decade? First of all, there were more of them.

According to the *Trends* survey, "The total of 141,000 degrees, diplomas and certificates granted in 1987 was 50 percent higher than in 1972. Of these, 16,000 were master's degrees (55 percent more than in 1972) and 2,400 were doctoral degrees (38 percent more than in 1972)."

The social sciences accounted for more than one-third of all bachelor's and first professional degrees in 1987, compared with only one-quarter in 1972. More than half of this growth was in business-related disciplines. Meanwhile, the story was the same at the graduate level.

Education, the second most prolific field in terms of degrees granted, actually awarded fewer bachelor's degrees in 1987 than in 1972. Its overall share of bachelor's and first professional degrees slipped to one-sixth from just under one-quarter in the early '70s.

Meanwhile, there were 40 percent fewer general arts and science graduates in 1987 than in 1972. The humanities conferred nearly 20 percent more bachelor's

degrees in 1987, but registered a small decrease in graduate degrees.

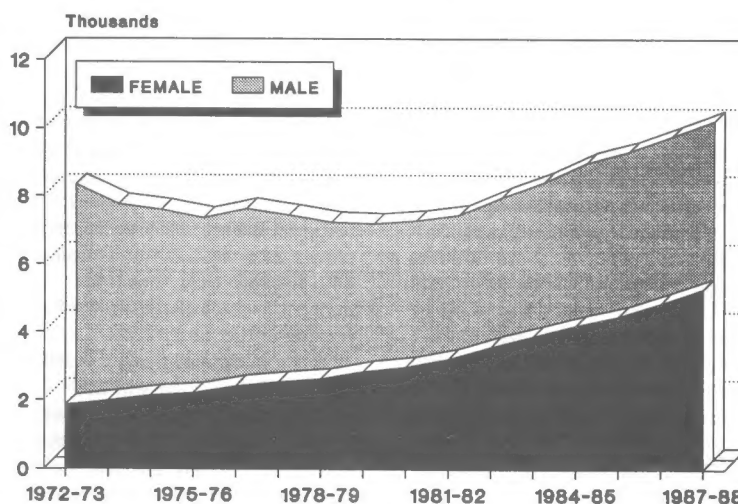
The single most striking difference between 1972 and 1987 graduates was the proportion of women. They received 53 percent of all bachelor's and first professional degrees granted in 1987, up from 39 percent 15 years earlier. "Interestingly, while women did not outnumber men in full-time bachelor's and first professional degree programs until 1987-88, they constituted the majority of bachelor's and first professional degree recipients as early as 1981," the report details.

"In 1987, female bachelor's and first professional degree recipients outnumbered their male counterparts in all fields except engineering and applied sciences (where they received 12 percent, up from two percent in 1972) and mathematics and physical sciences (28 percent, up from 21 percent)."

"At the graduate level, more men than women earned degrees in the late 1980s, but the gap had narrowed considerably since the early 1970s. Women were awarded 45 percent of master's degrees in 1987 (up from 25 percent in 1972) and 29 percent of doctoral degrees (up from nine percent)."

(Next issue: research and finances)

**DOCTORAL ENROLMENT FULL-TIME BY SEX**



## Law students win international client counselling competition

Two University of Alberta third-year law students have won the American Bar Association International Client Counselling Competition.

Katherine Arnold and Sandra Weber captured the prestigious prize recently at the competitions, which were held this year in Vancouver.

"The process of interviewing is the most important aspect of the competition," says Bruce Ziff (Law). "Their knowledge of law is not as important," he says. "Here it's the ability to develop a good working relationship with the client in a short amount of time."

At this competition, a panel of five judges, knowing the facts of the hypothetical cases, watched the same interviews being conducted by three teams, one from Canada, one from the United States and one from Britain.

The same actors/clients are interviewed by all three teams; the students then must draw the facts out. Following that, the students deliberate and attempt to define a course of action to solve the client's problems. A team cannot see the other teams' interviews.

The judges then assess the teams based on a number of process-oriented criteria. Did they come to know what the issues were in the short period of time? Did they understand what the client wanted? Could they break down the problem into its component parts? How did they deal with any moral or ethical issues which arose? Were they counselling things that would have been contrary to codes of behavior? How good were they at looking at legal and nonlegal alternatives to solving the problems? If the client made choices, were they informed choices? And did the students effectively set out the options for the client?

"There's only one of these topics, problem analysis, that really focuses on their knowledge of law," Professor Ziff explains. "Everything else is about building a good relationship with this person who has just walked into their office. Our team was extremely effective at doing that, building a professional rapport and developing a high level of client confidence."

The University runs a short, noncredit training program and



Bruce Ziff discusses the finer points of client counselling with Katherine Arnold (left) and Sandra Weber.

holds its own competition (this year's was in January). Before the competition, practice sessions and workshops are held with lawyers who offer their expertise to students. Upon winning the University competition, Arnold and Weber went on to the ABA Regional Competition. The winners of the regionals then met in a national competition in the latter part of March, this year in Saint Petersburg, Florida.

However, at the regional level in Calgary, the U of A team finished second to a team from Portland, Oregon. Although they didn't win the regionals and didn't go to the nationals, the team emerged as the top Canadian team, and therefore was invited to compete in the international competition. (The team from Portland finished second in the nationals.)

The U of A's competitors for the two rounds at the international level were a team from the University of Wyoming and a British team from Staffordshire Polytechnique.

The first round involved a woman who owned a night club and wanted to get out of contracts with bands she hired to entertain. The second round involved a National Basketball Association player who was having trouble with his club over "lifestyle matters," which meant he had a cocaine addiction.

In the middle of the interview, the door burst open and the player's hostile agent walked in, refusing to leave. "They [Arnold and Weber] wisely insisted that he leave the room . . . and managed

to get him out of the room, and then they dealt with the rest of the interview; it was an extraordinary experience for them to have to cope with this completely out of the blue," Professor Ziff says. "Had this been a real client, that would have been an enormously unsettling event."

Professor Ziff, who has seen many of these competitions over the years, says, "It was truly an excellent performance. I can't remember a better interview than this team did in the final round." (Both rounds were won by the U of A team.)

The idea of client counselling competition originated with Louis Brown of the University of Southern California in 1969. At the time, it was held on an interscholastic level between the law schools of Southern California and San Francisco.

Believing in the importance of teaching client counselling and that lawyer-client relationships had to

be taught and learned, Professor Brown wanted to expand the role-playing to a competitive level in a way much the same as moot court competitions had developed. Thus, interscholastic competition was born.

According to an article in the *Creighton Law Review*, the client counselling competitions accomplish a number of goals: they promote professional competence in legal practise; they help students develop interviewing, planning and analytical skills; and they help lawyers deal with the psychological overtones of the interview.

Professor Brown has repeatedly pointed out that the skills the competitions attempt to hone are ones that are used frequently. For example, one survey of how lawyers spend their time found that they may spend only 1.25 hours in court per week, while they may spend an average of three hours a week meeting with clients and four hours of time on the phone with clients each week.

Says Weber, some lawyers may never even see the inside of a courtroom and learning to deal effectively with clients is the whole purpose of the competition. "We be consulting with clients on a daily basis," she says.

Arnold says the reason she became involved in the competitions was because "it was different than anything else you learn in law school."

Both students point out that the competition bolstered their confidence in their interviewing skills and in providing effective representation for clients. They say the skills they've learned through the process will be used in their future careers. □

## Nobel laureate to deliver Sandin Lectures

A Nobel laureate, Donald J Cram, will deliver the 1990 Reuben Benjamin Sandin Lectures, 11, 12 and 13 June at 11 am in E1-60 Chemistry Building.

Professor Cram is Saul Winstein Professor of Chemistry at UCLA.

He was awarded the Nobel Prize in Chemistry in 1987 for his work with host molecules with descriptive names such as spherands, cavitands and carcerands. His work contributes to researchers' understanding of how biological molecules recognize substrates.

Professor Cram is coauthor of *Organic Chemistry*, the first undergraduate text to present organic chemistry in a mechanistic way. Numerous editions of the text have been published and it has been translated into many languages.

The Sandin Lectures are presented annually and commemorate the more than 40 years of service recorded by dedicated scholar and inspiring teacher of Organic chemistry, Reuben Sandin. □

# Research Institute for Comparative Literature to plumb 'The Institution of Ethnic Minority Writing in Canada'

In 1979, Hurtig Publishers brought out "A Literary Map of Canada." Edmonton's entry had a decidedly University of Alberta flavor with poets Stephen Scobie and Douglas Barbour and novelist Henry Kreisel well positioned. If the map underwent changes that allow for the addition of literary scholarship, the Research Institute for Comparative Literature (RICL) would have to receive serious consideration as a landmark, if only for one of its projects, "Towards a History of the Literary Institution in Canada." Actually, 1992 would be the ideal time to issue a revised map because the Institute could have a double entry, the second line pertaining to the research and writing of a book on "The Institution of Ethnic Minority Writing in Canada." Space permitting, the "cartographers" could indicate that this project was supported by a research grant (\$88,300 over two years) by the Secretary of State.

The project dovetails with RICL's mandate which is every bit as weeping as the Hurtig map. An interdepartmental and interdisciplinary research unit, RICL is charged with pursuing studies in the broadest area of literary scholarship. Since being established in 1985, it has elicited the participation of more than 50 scholars from universities in Canada and abroad. It has also set three divisions of ongoing literary research—Canadian, African/Caribbean, and Romanticism—and it supports the *Canadian Review of Comparative Literature*, an internationally acclaimed journal.

Not surprisingly, Canadian literature has emerged as the most eventful division, says RICL Director Milan Dimic. He and colleagues ED Blodgett (U of A), J Pivato (Athabasca University), S Totosy (U of A), E Padolsky (Carleton University) and R Dionne (University of Ottawa) are fired with enthusiasm for the division's newest project because: they're moving into a field that's little known; they want to consider all voices in that field, including the literatures of visible minorities; and they want to assess all facets of literary life.

"The Institution of Ethnic

Minority Writing in Canada" will discuss writers and their books and, if the authors do what they're setting out to do, position readers at vantage points that show the social bases in which particular writings are seen. "We want to write not only a literary history but elucidate the totality of literary life," Dr Dimic says.

Consideration of the experience of being inserted into a new environment and of personality changes, if any, that a writer undergoes when s/he opts for the English language will be instrumental in the development of the book. Dr Dimic views the project as having both scholarly and pragmatic value. "The material is very rich and varied . . . there's no full grasp of it yet." Dr Totosy, research associate of RICL, says, "We suspect strongly that we'll just nick the tip of the iceberg."

Dr Dimic will act as principal investigator with responsibility for the project's framework and methodological basis and the theory of literature as institution. Dr Totosy will be the anchor person and will research and write the prehistory, that is, before 1900, of ethnic literatures in Canada. Dr Blodgett's assignment is to articulate the relationship between

ethnic and mainstream literatures; Dr Dionne is responsible for francophone literature outside Quebec; Dr Padolsky will contribute a chapter on sociological aspects of ethnic literature; and Dr Pivato will write on language variation in ethnic minority writing.

Six or more collaborators will be associated with the project and there will be at least one spiritual adviser—Vice-President (Academic) Peter Meekison. "He's very supportive of the project and has been part of our deliberations since the beginning," Dr Dimic told *Folio*.

Drs Dimic and Totosy make no bones about wanting a broad readership. "We will try to write something scholarly but not dry as dust," they assert. The time which they've been given to do the research and writing is 1 April 1990 to 31 March 1992. After that, says Dr Dimic, it's a judgment call on the part of a publisher.

This fall, RICL will submit an application to the SSHRC grants competition in hopes of obtaining funding that would permit enlargement of the project for another three years.

Also in the Institute's future (and the future of the University and the Department of Comparative

Literature) is the World Congress of Comparative Literature. It will be held here in 1994 and one of the themes will be literature in multiculturalism. Dr Totosy points out that only once has the U of A hosted a congress of this magnitude—the Eleventh Congress of the International Society of Soil Science in 1978. The International Comparative Literature Association has about 8,000 members. It meets every three years; in the 1980s in New York, Paris and Munich; the 1991 congress will take place in Tokyo.□

## GARDEN PARTY

Everyone is invited to a garden party to honor Chancellor Tevie Miller, whose four-year term of office ends 30 June.

There will be an opportunity for the University community and friends off campus to acknowledge Chancellor Miller's service to the University of Alberta.

The garden party will be held at University House, **Wednesday, 13 June**, from 3:30 to 5:30 pm (program 4:15 pm).



## Residences receiving improvements

Upgrading of student residences at Lister Hall is in full swing, and similar work will start soon at Michener Park.

At Lister, structural repairs to the exterior walls of Henday Hall and fire code upgrading at Henday, MacKenzie and Kelsey Halls began 1 May and is scheduled to continue until 28 June. The contractors are CCD Engineering (Edmonton) Limited (structural repairs) and Territorial Electric (fire code upgrading).

Structural repairs to Galbraith House's exterior precast concrete panels will start 4 June. New metal cladding and upgrading of the exterior of the ground floor and fire code upgrading are also planned. The inside work will be finished by 1 August; the external work will continue into September. Krawford

Construction Inc is looking after the structural repairs and Territorial Electric is the contractor for the fire code upgrading.

At Vanier House, fire code upgrading is necessary. The work will start in early June and continue to 31 August. The contractor is Territorial Electric.

In addition to the contractors mentioned, some work will be performed by Physical Plant and Housing and Food Services trades personnel.

Working hours for all projects are 8 am to 6 pm Monday through Friday, and 9 am to 6 pm Saturday.

All University staff, external tradespeople and supervisory personnel are required to wear identification tags supplied by Housing and Food Services.□

# Bookstore renovations will respond to expanding general merchandise demands and opportunities

The University's Board of Governors has approved a Building Committee recommendation to spend up to \$1,080,000 on renovations to the University Bookstore.

At their meeting 12 April, the Governors sent the proposal back for further information. A PACCR report recommended that the Bookstore be renovated in order to allow it to improve its retail capabilities and upgrade office and service areas. It's expected the modest increase in operating costs will be offset by greater income.

The project will be funded as follows: \$480,000 from the 1989-90 Bookstore equipment/renovation reserve; \$120,000 from the 1990-91 reserve allocation; and \$480,000 from internal short-term financing. The modest increase in operating costs will be offset by increased income and projections state that by 1994-95, the outstanding debt as a

result of the project will be completely paid off.

It's estimated that planning and development will cost \$55,000; consultants, \$65,000; construction, utilities, etc, \$755,000; commissioning, \$70,000; furniture and equipment, \$55,000; and contingencies, \$80,000.

Associate Vice-President (Finance) Al Rennie outlined that with increased demand for educational materials, general interest books, textbooks, computers and software, and insignia items, the existing store cannot provide the type of quality merchandising vehicle necessary to effectively display the merchandise.

The recent PACCR study said "just about everything in the store has to change, and the effect will be dramatic. This facility has the potential to be one of the most interesting and effective bookstores in Canada and a standout internationally."

Rennie said the key elements of the renovations include: a reconfiguration of the checkout area; development of separate areas for textbooks and general books; repositioning of the book information services; a repositioning of the microstore; a realignment of the general merchandising section; and a redevelopment of the office and common areas.

According to Rennie, the Bookstore's textbook pricing policy will remain consistent "and will not be altered to meet the financing requirements of the renovations. This upgrade is being undertaken to generate a bookstore environment that will allow students, faculty, staff and campus visitors the opportunity to have available the academic and educational products of a quality university bookstore."

Rennie pointed out that the first and primary functions of the Bookstore would continue to be the supply of textbooks and related materials to students and faculty, and the supply of general merchandise and books to serve the needs of the whole community. "Clearly, the first function is paramount and must always remain so. However, it has to be recognized that there is a desperate need to respond to the rapidly expanding demands and opportunities in the general merchandise areas, both from the University community and the public," he explained. It's also planned that the general book division will increase in area and title selection to become a more integral part of the complete academic resource centre.

Some of the other advantages of the renovations include: a configuration which will result in a faster flow of customers; provisions for extra registers during peak periods; improved service in the microstore as a result of the combining of the existing sales functions and the consulting service now located in the General Services Building as part of University Computing Systems; and an increase in sales and gross margin required to complete the funding for the project in the general merchandise and books areas. □

## CURRENTS



### After school program being considered at Garneau/University Centre

Garneau/University Child Care Centre is considering starting up an after school program for children in grades kindergarten through grade six.

Families who might be interested in using such a program starting in September 1990 are asked to call the office (morning only) at 439-9050. The centre is assessing whether there is a need for another program in the area.

Quick response on the part of parents would be appreciated.

### Devonian Botanic Garden open

The University of Alberta Devonian Botanic Garden is open May through September. Hours: 10 am-6 pm daily. Shop hours: 10 am-4 pm weekdays, noon-6 pm weekends and public holidays.

The garden is five km north of Devon

### Doris Badir retirement reception

All friends and colleagues of Doris Badir are invited to a retirement reception, 19 June, from 4 to 6 pm at University House. Those who wish to contribute to a gift are asked to make a donation to the Doris Badir Scholarship Fund and send to: Dr Dianne Kieren, Associate Vice-President (Academic), 3-2 University Hall.

### Farewell reception for Alan Rennie

A reception will be held to honor Alan Rennie, who is retiring from the University at the end of June from the position of Associate Vice-President (Finance). Since joining the University in 1969, Mr Rennie has held managerial and administrative positions with Physical Plant, later with the Vice-President (Facilities and Services) in 1980 as the Associate Vice-President (Facilities and Services), and finally as Associate Vice-President (Finance), in the Office of the Vice-President (Administration) from 1986.

The reception will be held Thursday, 21 June, from 3 to 5 pm at Lister Hall. Friends and colleagues are invited to attend to bid Mr Rennie farewell.

Those wishing to recognize the occasion are asked to show their support for Disabled Student Services. Cheques should be made payable to the University of Alberta, and sent to Peter Taitt, 3-16 University Hall. Tax receipts will be issued for donations of \$15 and over, or upon request, for donations of a lesser amount.

## ACTIVITIES

**Bruce Bain** (Educational Psychology) has been elected director-at-large, International Council of Psychologists. He assumes office at the annual convention in Tokyo in July. **GSH Lock** (Mechanical Engineering) will deliver the keynote address, "Polar Technology: Will We Be Left Out in the Cold?" at the annual conference of the Canadian Society for Mechanical Engineering in Toronto. The talk will be based on the Science Council of Canada report titled "Harnessing Science and Technology for Cold Regions". A University of Alberta entry in the Council for Advancement and Support of Education's Recognition Award Program has earned a Bronze Medal in the "President and the Public" category. The entry, which competed with 17 others for a Gold Medal, two Silver Medals and a Bronze Medal, was prepared by the Office of Public Affairs. It centred on President Paul Davenport's participation in the many activities that made up Presidential Installation Week, 10-14 October. **Tee L Guidotti** (Occupational Medicine) has been awarded the Herbert Siemens Award by the Alberta Occupational Health Society. In presenting the award, Sharon Matthias, president of the Society, cited Dr Guidotti's activities in initiating and developing the Occupational Health Program at the University of Alberta over the last six years. "The Drake Years - A Tribute to Clare and Dolly" takes place 1 June at the Edmonton Convention Centre. The Faculty of Physical Education and Recreation has invited friends of the "Dean" of North American hockey coaches and his wife to "re-live old memories and create new ones". **TE Weckowicz** (Professor Emeritus of Psychiatry and Psychology) and **HP Liebel-Weckowicz** (History) have published a book: *A History of Great Ideas in Abnormal Psychology*, in the series, "Advances in Psychology," published by North Holland (Elsevier), Amsterdam, New York, and Oxford.



## Four members of faculty elected to Fellowship in Royal Society of Canada

Huji Hiruki (Plant Science), Gary Horlick (Chemistry), Rowland McMaster (English), and Doug Owram (History) have been elected as Fellows of the Royal Society of Canada.

At the general meeting of the Society, 3 June at the University of Victoria, Drs Hiruki and Horlick will take their place in Academy III (Academy of Science); Drs McMaster and Owram will join Academy II (Academy of Humanities and Social Sciences.)

Candidates for each Academy (Academy I is Académie des lettres et des sciences humaines) are nominated by three members of the Society and voted on by its members. Those elected have distinguished themselves through the publication of learned works or by original research in the arts and sciences.

In its sketches of the new

Fellows, the Royal Society says Dr Hiruki has made major contributions to science in the area of plant virology and mycoplasma. "His pioneering work in elucidating fungal transmission of plant viruses and his innovative approaches to plant mycoplasma diagnosis have been widely acclaimed. As its first president, he leads the International Working Group on Plant Viruses with Fungal Vectors."

Dr Hiruki is also president of the Canadian Phytopathological Society.

Dr Horlick's research, the Society notes, has always been at the leading edge of analytical spectroscopy. "He pioneered the use of photodiode arrays as detectors and has led in the study of excitation mechanisms in inductively coupled plasmas, in innovative approaches to excitation

in solid samples, and in the development of Michelson interferometry. As an analytical spectroscopist, he is a world leader."

The Royal Society compliments Dr McMaster on "a long and distinguished career as a specialist in the rich field of Victorian studies. For the past 30 years, he has combined scholarly work of distinction with an exceptionally strong commitment to teaching and to administrative and professional responsibilities on a national and international scale."

The books that Dr Owram has published have contributed in large measure to our understanding of Canadian history, the Society states. He has written on the Department of Public Works; on the attitudes and expectations of mid-nineteenth century Ontario expansionists who sought to annex

the north-west; and on Canadian intellectuals, especially social scientists, who prepared the way (and helped implement) the federal government's commitment during the Second World War to social security and management of the economy. □

## EVENTS



### Talks

#### Alberta Heritage Foundation for Medical Research

1 June, noon Michael Sinensky, senior fellow and head, Lipid and Lipoprotein Metabolism Division, Eleanor Roosevelt Institute for Cancer, Denver, Colorado, "Isoprenylated Proteins of Mammalian Cells." 5-10 Medical Sciences Building. Presented by Anatomy and Cell Biology.

#### Pharmacology and Cardiovascular Disease Research Group

5 June, noon Richard Schulz, Wellcome Research Laboratory, Beckenham, England, "The Biological Significance of the L-Arginine to Nitric Oxide Pathway." 207 Heritage Medical Research Building.

#### Cross Cancer Institute

5 June, 4 pm Denis Burkitt, FRCS, "A Perspective on Cancer." Auditorium, Cross Cancer Institute.

#### Anatomy and Cell Biology

6 June, noon Phil Barker, "Polymerase Chain Reaction." (Techniques in Cell and Molecular Biology Seminar Series.) 6-28 Medical Sciences Building.

#### Educational Foundations and Women's Studies Program

8 June, 1:30 pm Nell Noddings, Stanford University, "Recent Developments in the Ethics of Care." Senate Chamber, Arts Building.

#### Chemistry

The Reuben Benjamin Sandin Lecture Series. Lecturer: Donald J Cram, Saul

## U of A hosting Canadian Museums Association

Those who are interested in university collections and museums won't want to miss two highlights of "interaction 90," the Canadian Museums Association conference, hosted by the University of Alberta, 20 to 23 June.

On 20 June (1:30-3:30 pm) Anne Lambert (Clothing and Textiles) will chair "Universities: Current and Future Museum Issues." A panel representing university faculty, museum professionals, the Social Sciences and Humanities Research Council and the Natural Sciences and Engineering Research Council will discuss university collections, research, training, collaborative possibilities and other topics.

At noon, 22 June, President Paul Davenport will host a luncheon for all delegates with the Honorable Marcel Masse. The Federal Minister of Communications is expected to announce the long-awaited National Museums Policy. Before the luncheon, Dr Davenport will meet with the Minister to discuss museum conservation strategy and how the federal government can assist in the further development of a conservation program for the University's collections.

Having "interaction 90" on campus could greatly benefit the University, says Janine Andrews, Acting Director, Museums and Collections Services. The conference provides rare exposure to the University's holdings to members of the museum community from across the country and to federal agencies which fund museums and collections. "It gives them the opportunity to see what we're all about."

Museum buffs will find "interaction 90" offers many sessions that tackle other tough issues facing today's museums:

- In "Problems of Representation: Whose Story are We Telling?" chaired by David Goa, curator of folklife, Provincial Museum of Alberta, Lynne Kurylo, head of programs, Royal Ontario Museum, will address distortion of history; Gerald McMaster, curator of Indian art, Canadian Museum of Civilization, the native perspective in interpretation; and Drew Anne Wake, museum consultant, Vancouver, museums and 'universal' science.

- In "Museums and Social Responsibility", chaired by Darcy Edgar, McGill Faculty of Law,

Gerry Moss, director of science and education, Science World, Vancouver, will discuss advocacy and accessibility for museums; Chris Duclos, Public Programs Department, Vancouver Art Gallery, the exhibition of the AIDS Quilt; and Persimmon Blackbridge, artist, the problems and rewards of presenting controversial art.

- In "Leadership and Vision: Museums, Whose Values Do They Represent?" chaired by David Hemphill, director, Vancouver Museum, panelists Duncan Cameron, president and CEO, Calgary Art Gallery Foundation; Reesa Greenberg, art historian, Concordia University; Peter Heron, Department of Recreation and Leisure Studies, University of Alberta; and Wilma Wood, Cowichan-Chemainus Ecomuseum Society, BC, will explore museum leadership, compare ecomuseums and more traditional facilities and examine how museums both mold and reflect the values of their staff.

Further information on "interaction 90" may be obtained from Museums and Collections Services, Ring House 4, 492-5818. □

Winstein Professor of Chemistry, University of California, Los Angeles. The lectures are as follows:  
 11 June, 11 am "Carcerands and Hemicarcerands—Molecules Within Molecules." E1-60 Chemistry Building.  
 12 June, 11 am "Spherands and Hemispherands as Binders of Ammonium, Alkylammonium and Alkalai Metal Anionophores." E1-60 Chemistry Building.  
 13 June, 11 am "Binding of Complementary Preorganized Surfaces in Organic Media." E1-60 Chemistry Building.

## Entomology

18 June, 3:30 pm Steve Mihok, Tsetse Research Programme, International Centre of Insect Physiology and Ecology, Nairobi, Kenya, "Tsetse Control, Wildlife Conservation, and African Trypanosomiasis." TBW-1 Tory Building.

## The Arts

### Exhibitions

### FAB Gallery

Until 3 June "Doris Freadrich, prints"—the final visual presentation in partial fulfilment of the requirements for the degree of MVA; and "Toshihisa Fudezuka—Between Plate and Paper." 1-1 Fine Arts Building. Hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday and Monday, closed.

## Positions

*The University of Alberta is committed to the principle of equity in employment.*

*In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

## Academic

### Cooperative Education Coordinator, Faculty of Engineering

The Faculty of Engineering offers a Cooperative Education Program in which students supplement their academic studies with related work experience.

The Centre for Cooperative Education assists Co-op students in their search for suitable employment and monitors their performance on the job. As a Cooperative Education Coordinator, you will:

- market the program to potential employers of Co-op students;
- evaluate student work team performance through job site visits;
- instruct a job search skills course for Co-op students;
- counsel students.

This position involves interfacing with employers, students and faculty, and requires excellent marketing, communication and interpersonal skills. Some travel is required.

The preferred candidate will have a university degree, a strong interest in postsecondary education, and five-plus years of work experience which must include two or more years in a marketing function. Complementary experience in teaching and personnel

recruitment is desirable. A valid Alberta driver's license is needed.

This is a full-time position with an Administrative Professional Officer designation. The floor of the salary range is about \$30,000 per annum.

Interested candidates should forward their résumé, by 22 June 1990 to: Paul A Goud, Associate Dean, Faculty of Engineering, University of Alberta, 502 Students' Union Building, Edmonton, Alberta T6G 2J7.

## Support Staff

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 25 May. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.*

*Positions available as of 25 May 1990.*

**The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program.**

Office Services File Clerk (Term to 30 November 1990), Grade 2, Office of the Registrar, (\$1,336-\$1,647)  
 Accounts Clerk, Grade 4, Housing and Food Services, (\$1,602-\$1,973)  
 Clerk Typist, Grade 4, Career and Placement Services, (\$1,602-\$1,973)  
 Clerk Typist, Grade 4, Personnel Services and Staff Relations, (\$1,602-\$1,973)  
 Clerk Steno, Grade 4, Faculty of Nursing, (\$1,602-\$1,973)  
 Clerk Typist, Grade 5, Student Awards, (\$1,717-\$2,166)  
 Clerk Typist, Grade 5, Faculty of Agriculture and Forestry, (\$1,744-\$2,166)  
 Clerk Steno, Grade 5, Faculty of Law, (\$1,749-\$2,166)  
 Clerk Steno, Grade 5, Secondary Education, (\$1,749-\$2,166)  
 Senior Clerk, Grade 5, Pension and Benefits Administration, (\$1,749-\$2,166)  
 Library Assistant, Grade 5, Career and Placement Services, (\$1,749-\$2,166)  
 Administrative Clerk, Grade 5, Plant Science, (\$1,749-\$2,166)  
 Secretary (Excluded), Grade 6, Personnel Services and Staff Relations (Employee Relations), (\$1,914-\$2,386)  
 Secretary, Grade 6, Physical Education and Sport Studies, (\$1,914-\$2,386)  
 Medical Steno (Split-funded), Grade 6, Pediatrics, (\$1,914-\$2,386)  
 Office Services Senior Clerk (Benefits Assistant/Academic), Grade 6, Pension and Benefits Administration, (\$1,914-\$2,386)  
 Timetabling Coordinator, Grade 7, Office of the Registrar, (\$2,084-\$2,612)  
 Bacteriology Technologist, Grade 6, Microbiology, (\$1,914-\$2,386)  
 Instrument Technician, Grade 7, Chemical Engineering, (\$2,084-\$2,612)  
 Storeman (Book Traffic Supervisor), Grade 7, Bookstore, (\$2,084-\$2,612)  
 Programmer Analyst, Grade 8, Dean of Dentistry, (\$2,251-\$2,839)  
 Administrative Assistant (Term), Grade 8, Faculty of Extension (Local Government Studies), (\$2,251-\$2,839)  
 Administrative Assistant, Grade 8, Faculty of Medicine, (\$2,251-\$2,839)  
 Programmer Analyst, Grade 9, University Computing Systems, (\$2,436-\$3,089)

Programmer Analyst, Grade 9, Office of the Registrar, (\$2,436-\$3,089)

**The following positions retain salary rates in accordance with the previous classification system and pay plan.**

Clerk Typist III (Trust), Continuing Medical Education, (\$1,475-\$1,853)  
 Departmental/Executive Secretary (Trust), Medicine (Pulmonary) (\$1,853-\$2,385)  
 Technician I/II (Trust), Medicine, (\$1,705-\$2,488)  
 Technician I/II (Trust/term), Surgery (Urology), (\$1,705-\$2,488)  
 Technologist I (Trust), Oral Biology, (\$2,100-\$2,710)  
 Technologist I/II (Trust), Medicine, (\$2,100-\$2,960)  
 Technologist II (Trust), Medical Microbiology and Infectious Diseases, (\$2,283-\$2,960)

### Manager, L'Express

L'Express Manager (Students' Union Building) required. Responsible for staff supervision, budgets, cost controls, retail pricing and marketing strategies. Minimum two years' experience.

Salary: \$23,000 to \$27,000 per annum.  
 Résumé to: Tom Lancaster, 256 Students' Union Building, University of Alberta, Edmonton, Alberta T6G 2J7.

## Advertisements

### Accommodations available

Victoria Properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max Ports West, Victoria, BC.

Enjoy an English style bed and breakfast (single, \$35) at "Ty Mawr", three short blocks from the University and Hospital. (403) 432-7845.

Lease - New, custom designed, energy efficient, three bedroom, furnished house. Riverdale, on bike route. Close to downtown, University, schools. \$1,200. September 1990. 429-4277.

Rent - Southwest, four bedroom, fully furnished house. Family room, large patio, fireplace. One year lease. 437-2975 after 6 pm.

Housesitter required 4 July-11 August. Close to University. Two friendly cats. References required. Phone 438-4728 after 6 pm.

Sale - University area, large, older two storey with suite. 73 Avenue 106 Street. \$109,000. 436-2507.

Sale - Parkallen, three bedroom semi. Fireplace, developed basement, great location. Asking \$104,500. Royal LePage Realty, 437-7480, 446-3800, Ed Lastiwka.

Sale - University area, semibungalow. Belgravia, three bedrooms, fireplace, south backyard, excellent location. \$109,500. Royal LePage Realty, Ed Lastiwka, 437-7480, 446-3800.

Share - House, 74 Avenue 106 Street. Preferably female, nonsmoker. Washer/dryer. Two cats! Rent \$275 plus shared utilities. Available immediately. Call Ruth at 433-2516 or 422-7333.

Rent - Osoyoos, BC, custom, new two bedroom waterfront house, 1-3 year lease. Adults. No dogs. Unfurnished, \$725. 1 September. Private, quiet. Safe beach. H Sampson, (604) 495-7825 evenings.

Rent - Sherwood Park, furnished, sabbatical leave home. 2,000', executive, three bedroom, finished basement, near schools. Nonsmokers, no pets. 1 September-30 June. \$1,200. 492-3478 (work), 467-3764 (evenings).

Rent - Superb, three bedroom, furnished (includes piano) townhouse, near University. September-December. \$800 includes heat, plug-in parking space. 492-1279, 438-1068.

Rent - Windsor Park, immaculate, three bedroom bungalow. Two baths, full basement, double garage. \$1,275/month. Available 1 July. 431-2441 (message), 433-3751 (after 6 pm).

Rent - July and August, fully furnished bungalow, Blue Quill area. Nonsmoking, adults only. \$700/month plus utilities. Phone 439-7311.

Sale - Charming, traditional, five bedroom, fully developed home facing a park. Private south backyard, many features. Riverbend, close to schools, University. Liz Crockford, Spencer Realty, 436-5250, 434-0555, residence.

Sale - Rosssdale, the downtown choice with river valley parkland environment; beautiful, executive 2 1/2 storey featuring a magnificent master bedroom, jacuzzi, berber carpet, fireplace. Asking \$191,900. Joy Murray, Canada Trust, 468-2100.

Sale - Garneau Mews, \$125,900; immaculate, two bedroom, two bath unit. Parquet flooring, spacious living room, fireplace. Owner has purchased another home; must sell! Ronn Bence, 438-1575, Re/Max Real Estate.

Sale - Delightful, two level, cedar condo, 1,340', close to campus. Bright, cheerful, two large bedrooms, two baths, city view, six appliances. \$114,900. Ronn Bence, Re/Max Real Estate, 438-1575.

Rent - Sabbatical house, furnished, \$9! Groat Estates. Available 1 August, 1990. Professional couple, visiting scholars preferred. Can show to local contacts. 492-5444, 452-0553.

Rent - Fully furnished, one bedroom apartment. Hillside bungalow, private entrances, patio, large window to Groat Road ravine. Single or couple, no pets. \$450/month. \$200 damage deposit. 452-1447 after 6 pm.

Sale - University area, three bedroom, nanny suite, hardwood floors, double garage. 11432 71 Avenue. 481-0502.

Share - Nice house near University. June-July. Joe/Jennifer, 439-1302.

Sale - Near University, over 1,900', open plan contemporary home. Family room with loft. Skylights, hardwood and ceramic floors, large kitchen, excellent financing. Betty Horch, Re/Max Real Estate Ltd. 439-7000.

Sale - Four bedroom semibungalow. Basement suite, hardwood, south facing yard. One block to bus, shopping, 15 minute walk to University. Asking \$129,900. Call Judy, 436-1474.

Sale - Aspen Gardens, five bedroom bi-level. Over 1,900'. Finished, large double garage. Excellent location. \$144,500. 436-2803 weekdays after 6 pm.

Rent - Belgravia four bedroom, \$1,100; sublet - Riverdale, four level, Victorian. June-July. \$800 negotiable. 432-7258, 425-0524.

Share - New, four level split near Heritage. Fireplace, sundeck, double garage, six appliances, central vacuum. Quiet, nonsmoker required. \$230/month plus shared utilities. Contact Anita, 492-5285 (days), 436-7436 (evenings).

Sale - Lakefront cottage on Wabamun. North shore, furnished, two bedroom cottage. Fireplace, garage, 80' shore front. \$129,000. Call 484-7958 to view.

Sale - Ermineskin, easy drive to University from this delightful, three bedroom townhouse. 1,425' plus developed downstairs. Striking architectural design, neutral decor, fireplace, double garage, lovely professionally landscaped southwest yard. 435-0972.

Rent - Victoria, luxury townhouse near downtown. Private deck. 2 July-12 August. \$1,500. 434-1696, (604) 380-3075.

Rent - Six month lease, highrise furnished condo, available 15 August; River valley view, one bedroom and den. 424-2945 for appointment.

Sale - Windsor Park, 1,580' bungalow with inlaw suite. One block to campus. Chris Tenove, 436-5250, 433-5664, Spencer Realty.

Sale - Holyrood-Bonnie Doon area, three bedroom bungalow, hardwood floors. Facing park, quick University access. Chris Tenove, 436-5250, 433-5664, Spencer Realty.

Sale - Rowland road, river valley view property. Cozy bungalow. Chris Tenove, 436-5250, 433-5664, Spencer Realty.

Sale - Windsor Park, new listing, two storey. Four bedrooms, four bathrooms, main floor family room, two fireplaces. Call Chris Tenove, 436-5250, 433-5664, Spencer Realty.

Rent - Windsor Park, 1,500' bungalow. \$1,300/month. 479-0816.

Rent - Three bedroom, furnished home available 1 July to 26 August for very reasonable terms. Quiet, well treed, central neighborhood 10 minutes from University. Phone 455-2727.

- Old Scona near Saskatchewan Drive. June-August. Furnished, lovely, large home. Two-three bedrooms. Finished basement (or part thereof), attached garage. Nonsmoking. 431-1421. Ideal for summer staff/students.

Sale - Glenora Ravine Estates, three bedrooms, three baths, three fireplaces, developed basement, sauna, two storey, double garage, 2,658'. Beautiful grounds and decks. Separate title. 40 x 140 foot adjacent lot. Phone 482-4497.

#### Accommodations wanted

Mature Christian couple with infant require a sabbatical home for one year starting July 1990. Call Ken or Edith collect anytime, (403) 556-6313.

Need furnished three bedroom home, for family of four, while on sabbatical in Edmonton. 1 July 1990 to 1 August 1991. Call Diane, 1-532-9480.

We are looking for somewhere to live while building. Professional couple seek sabbatical property for one-two years, from summer 1990. 433-9602.

Want to rent two bedroom apartment or house by 1 August. New staff member; married with one infant, 492-3242.

Homesitter available September for sabbatical/long vacations. Pets considered. Bondable. Gerri, 492-1685 work, 425-8750 home.

Experienced housesitting couple with references seek accommodation starting summer 1990. Phone 427-5065.

are, responsible, nonsmoking, female, adult student will housesit your home. Excellent references available. Call 688-3749 evenings (collect).

#### Automobiles and others

VW red bug, 1973, excellent condition, single owner. Export model from Wolfsburg, reconditioned motor, very little rust. \$2,700. Ursula, 492-4766, 437-7270.

1982 Volvo DL. \$5,500. 487-4203.

1984 Innocenti SE, two door, 55 mpg, three cylinder, five speed, 30,000 km. \$3,500, best offer. 451-2214.

1986 Ford Escort wagon, power steering, power brakes, stereo, five speed, excellent condition. \$3,400. 433-8991.

#### Goods for sale

Cash paid for appliances, 432-0272.

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David Richards Carpentry. Certified journeyman NAIT. Complete interior and exterior residential renovations including plumbing and electrical. References available. 437-0794. Complete drywall services, also some

interior plaster repairs, finest possible workmanship guaranteed. Stan, 479-6640 after 5 pm. 459-5084.

Sacred circle dance, Strawberry Creek Lodge, 8, 9 and 10 June. Phone 434-3858.

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Groceries Delivered: Tired of long lineups and wasted shopping time? Let us get your groceries and deliver them. Call 424-1871; place your order with Greg/Virginia or leave message.

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## Cooperative Education Coordinator

The Faculty of Engineering offers a Cooperative Education Program in which students supplement their academic studies with related work experience.

The Centre for Cooperative Education is responsible for assisting Co-op students in their search for suitable employment and monitoring their performance on the job. As a Cooperative Education Coordinator, you will:

- Market the Program to Potential Employers of Co-op Students
- Evaluate Student Work Term Performance through Job Site Visits
- Instruct a Job Search Skills Course for Co-op Students
- Counsel Students

This position involves interfacing with employers, students, and Faculty, and requires excellent marketing, communications and interpersonal skills. Some travel is required.

The preferred candidate will have a University degree, a strong interest in post-secondary education, and 5+ years' work experience which must include two or more years in a marketing function. Complementary experience in teaching and personnel recruitment is desirable. Valid Alberta driver's license needed.

This is a full-time position with an administrative Professional Officer designation. The floor of the salary range is about \$30,000 per annum.

Interested candidates should forward their resumes by June 22, 1990, to:

**Dr. Paul A. Goud**  
Associate Dean  
Faculty of Engineering  
University of Alberta  
502 Students Union Building  
Edmonton, Alberta T6G 2J7

*The University of Alberta is committed to the principle of equity in employment.*

**Catherine M. Fletcher** B.A. (Hon.), M.Sc., D.D.S.

## DENTIST

Catherine M. Fletcher Professional Corporation  
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## SPRING & SUMMER

## ACCOMMODATION

In The Heart Of The  
University Of Alberta  
Campus

**\$ 17**  
daily

**\$95** weekly  
**\$270** monthly

May 1 - Aug. 24  
St. Joseph's College  
114 St. & 89 Ave.

**492-7681**